

Amend remaining pending Claims 24-42 as shown below.

24 [2]. (Amended) A triple lumen catheter comprising:

- a. an outer tube having a proximal end and a distal end;
- b. an inner tube having a proximal end and a distal end and defining therewithin a first lumen, said inner tube having an outer diameter less than the inner diameter of said outer tube, said inner tube being disposed within said outer tube to define an interior space between the outside of said inner tube and the inside of said outer tube;
- c. a first septum extending from a first point on the outside of said inner tube to a first point on the inside of said outer tube;
- d. a second septum extending between a second point on said outside of said inner tube and a second point on said inside of said outer tube, said first septum and said second septum thereby separating said interior space into a second lumen located on one side of said first septum, said inner tube, and said second septum, and a third [second] lumen located on the opposite side[s] of said first septum, said inner tube, and said second septum;
- e. a frustoconical distal tip section [located] at said distal end of said outer tube [and] enclosing said distal end of said inner tube, the [said] outer wall[s] of said distal tip section tapering radi[c]ally inwardly from said distal end of said outer tube into engagement [to merge] with said inner tube at the free [said] distal tip [end] thereof, said outer wall of said distal tip section [and] terminating[e] at said free distal tip of said inner tube and thereat defining an open apex of said distal tip section through which said first lumen communicates with the exterior of said distal tip section [outer tube]; and

*D1 cath.*  
f. plural openings formed through said outer tube at said distal end thereof,  
[through which] each of said ~~second~~ lumen and said third lumen[, respectively,]  
communicat[e]ing with the exterior of said outer tube through respective of said openings.

*8*  
~~25~~<sup>8</sup>[3]. (Amended) A catheter as recited in Claim ~~24~~<sup>1</sup>[1], wherein:

*① 2*  
a. the lateral extent of said first septum measured between said first point on said  
outside of said inner tube and said first point on said inside of said outer tube defines the  
width of said first septum;

b. the lateral extent of said second septum between said second point on said  
outside of said inner tube and said second point on said inside of said outer tube defines the  
width of said second septum, and

c. said width of said first septum is substantially equal to said width of said  
second septum.

*9*  
~~26~~<sup>9</sup>[4]. (Amended) A catheter as recited in Claim ~~24~~<sup>1</sup>[1], wherein said first septum and  
said second septum are coplanar.

<sup>1</sup>  
27[5]. (Amended) A catheter as recited in Claim <sup>1</sup>~~24~~[2], wherein:

a. the extent of said first septum measured normal to said width thereof defines the thickness of said first septum;

b. the extent of said second septum measured perpendicular to said width thereof defines the thickness of said second septum; and

c. said thickness of said first septum is equal to said thickness of said second septum.

*D2 Cont'd*  
<sup>3</sup>  
28[6]. (Amended) A catheter as recited in Claim <sup>2</sup>~~27~~[4], wherein said thickness of said first septum and said thickness of said second septum are each about 0.010 inches.

<sup>4</sup>  
~~29~~[7]. (Amended) A catheter as recited in Claim <sup>1</sup>~~24~~[1], wherein the thickness of the wall of said outer tube is greater than the thickness of the wall of said inner tube.

*Sub E2*  
30 [8]. (Amended) A catheter as recited in Claim ~~28~~ [6], wherein:

- a. said thickness of said wall of said outer tube is about 0.013 inches; and
- b. said thickness of said wall of said inner tube is about 0.01 inches.
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<sup>4</sup>  
31 [9]. (Amended) A catheter as recited in Claim ~~27~~<sup>2</sup> [4], wherein:

a. said thickness of said first septum [and said thickness of said second septum]  
is equal to the thickness of the wall of said inner tube; and

<sup>3</sup>  
①  
b. said thickness of said second septum is equal to the thickness of the wall of  
said inner tube.

<sup>5</sup>  
32 [10]. (Amended) A catheter as recited in Claim ~~27~~<sup>2</sup> [4], wherein:

a. said thickness of said first septum is less than the thickness of the wall of said  
outer tube; and

b. said thickness of said second septum is less than said thickness of said outer  
tube.

<sup>10</sup>  
D4  
33 [11]. (Amended) A catheter as recited in Claim ~~24~~<sup>1</sup> [1], wherein the area of the  
transverse cross section of said second lumen is about 0.0048 square inches.

<sup>34</sup>  
Sub 33  
34 [12]. (Amended) A catheter as recited in Claim ~~24~~<sup>1</sup> [10], wherein the area of the  
transverse cross section of said second lumen is equal to said area of the transverse cross section of  
said first lumen.

<sup>12</sup>  
35 [13]. (Amended) A catheter as recited in Claim ~~24~~<sup>1</sup> [1], wherein said outer tube,  
said inner tube, said first septum, and said second septum are integrally interconnected.

~~36~~[14]. (Amended) A catheter as recited in Claim ~~24~~ [1], wherein the inside diameter of said outer tube is about 0.038 inches.

~~37~~[15]. (Amended) A catheter as recited in Claim ~~24~~ [1], wherein the inner diameter of said inner tube is about 0.04 inches.

~~38~~[16]. (Amended) A catheter as recited in Claim ~~24~~ [1], wherein the outer diameter of said outer tube is about 0.149 inches.

- Sub 44  
DS
- 39 [17]. (Amended) A triple lumen catheter comprising:
- a. a catheter body comprising:
    - i. an outer tube having a proximal end and a distal end;
    - ii. an inner tube having a proximal end and a distal end and defining therewithin a first lumen, said inner tube having an outer diameter less than the inner diameter of said outer tube, said inner tube being disposed within said outer tube to define an interior space between the outside of said inner tube and the inside of said outer tube;
    - iii. a first septum extending from a first point on the outside of said inner tube to a first point on the inside of said outer tube;
    - iv. a second septum extending between a second point on said outside of said inner tube and a second point on said inside of said outer tube, said first septum and said second septum thereby separating said interior space into a second lumen

located on one side of said first septum, said inner tube, and said second septum, and a third [second] lumen located on the opposite side[s] of said first septum, said inner tube, and said second septum;

b. a frustoconical distal tip section [located] at said distal end of said outer tube [and] enclosing said distal end of said inner tube, the [said] outer wall[s] of said distal tip section tapering radially inwardly from said distal end of said outer tube into engagement [to merge] with said inner tube at the free [said] distal tip [end] thereof, said outer wall of said distal tip section [and] terminat[ing] at said free distal tip of said inner tube and thereat defining an open apex of said distal tip section through which said first lumen communicates with the exterior of said distal tip section [outer tube]; and

c. access means attached to said proximal end of said outer tube and said proximal end of said inner tube for affording [providing] fluid communication individually with said first lumen, said second lumen, and said third lumen.

<sup>16</sup>  
40 [18]. (Amended) A catheter as recited in Claim <sup>15</sup>~~39~~ [17], wherein each of said second lumen and said third lumen have a C-shaped transverse cross section.

<sup>17</sup>  
41 [19]. (Amended) A catheter as recited in Claim <sup>15</sup>~~39~~ [17], wherein the [said] transverse cross section of said second lumen is congruent to the [said] transverse cross section of said third lumen.